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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025

Re-test Date: Mar 2028

**Product Name: Valproic Acid EP Impurity L**

### Identification:

Chemical Name: (2RS)-2-Methylpentanoic acid (as per EP)

Synonyms : 2-methyl valeric acid

CAS Number : 97-61-0

CAT Number : CP-V6012

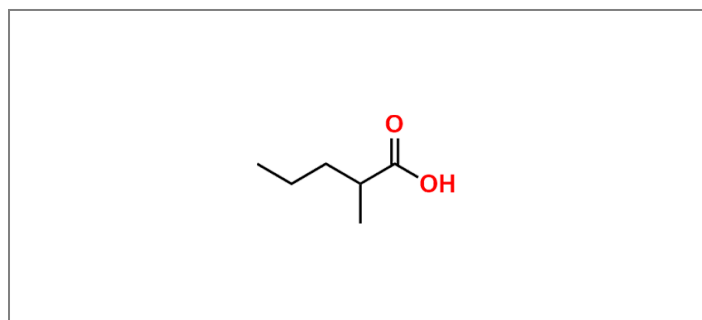
Molecular Formula : C<sub>6</sub>H<sub>12</sub>O<sub>2</sub>

Molecular Weight : 116.16

Batch Number : CP-VAL-L-0425

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

| Sr. No. | Test                | Result                   |
|---------|---------------------|--------------------------|
| 1)      | Description         | Colorless Liquid         |
| 2)      | Solubility          | Soluble in Methanol/DMSO |
| 3)      | MASS By LCMS        | Confirm to structure     |
| 4)      | Purity By GC        | 90.18 %                  |
| 5)      | <sup>1</sup> H NMR  | Confirm to structure     |
| 6)      | <sup>13</sup> C NMR | Confirm to Structure     |
| 7)      | IR                  | Confirm to Structure     |



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

Approved By

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.